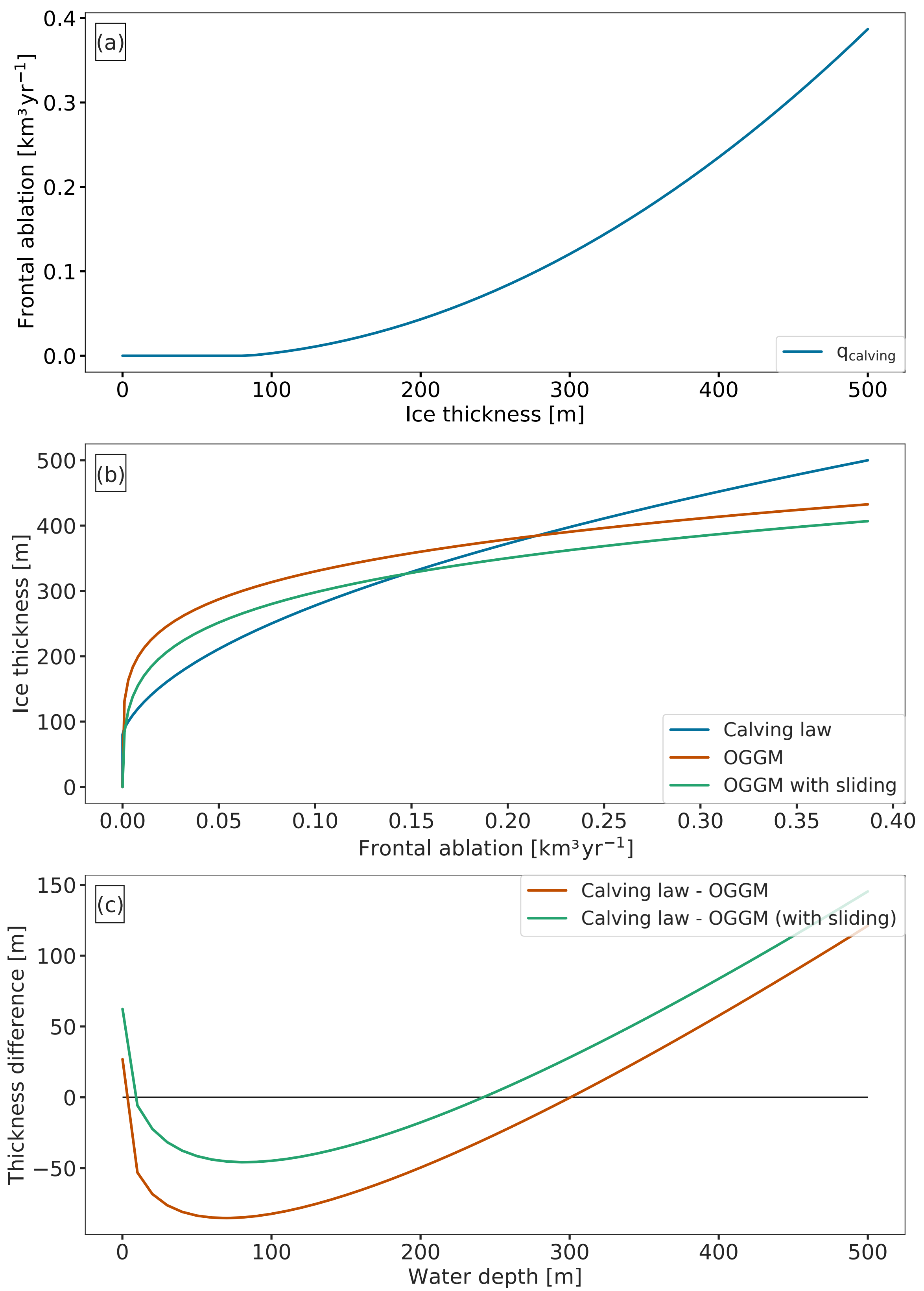
(a)
Frontal ablation [km³yr⁻¹]
0.0
0.1
0.2
0.3
0.4
0
100
200
300
400
500
Ice thickness [m]
q_calving
(b)
Ice thickness [m]
0
100
200
300
400
500
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.40
Frontal ablation [km³yr⁻¹]
Calving law
OGGM
OGGM with sliding
(c)
Thickness difference [m]
−50
0
50
100
150
0
100
200
300
400
500
Water depth [m]
Calving law - OGGM
Calving law - OGGM (with sliding)